

ABSTRACT OF THE DISCLOSURE

The present invention provides an overwrite method of a write-once optical disc and apparatus thereof, by which a logical overwrite is enabled by varying an overwrite system according to a recording mode to enhance efficiency of disc use. The present invention includes the step of performing a replacement recording on a data area within the optical disc with overwrite-requested data in a specific recording-completed area within the optical disc in a sequential recording mode (SRM) wherein a logical overwrite is executed to maintain continuity of a user data area by the replacement recording. And, the present invention includes the step of performing a replacement recording on a spare area within the optical disc with overwrite-requested data in a specific recording-completed area within the optical disc in a random recording mode (RRM) wherein a size of the spare area for allocation is determined on disc initialization for the replacement recording.